Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005299.D
Acq On : 12 Oct 2018 17:51
Operator : JC/MD
Sample : J5164-08 10ppb
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2018

Quant Time: Oct 15 03:42:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374378	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	153629	53.86	ug/l	-0.01
Spiked Amount 50.000			Recovery = 107.72%			
35) Dibromofluoromethane	5.51	113	118796	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.82%			
50) Toluene-d8	8.71	98	430862	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.22%			
62) 4-Bromofluorobenzene	11.14	95	159910	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
Target Compounds						Qvalue
10) Methyl Iodide	2.50	142	20272	10.22	ug/l	96
11) Tert butyl alcohol	3.09	59	41547	51.63	ug/l	95
13) Acrolein	2.29	56	31831	60.35	ug/l	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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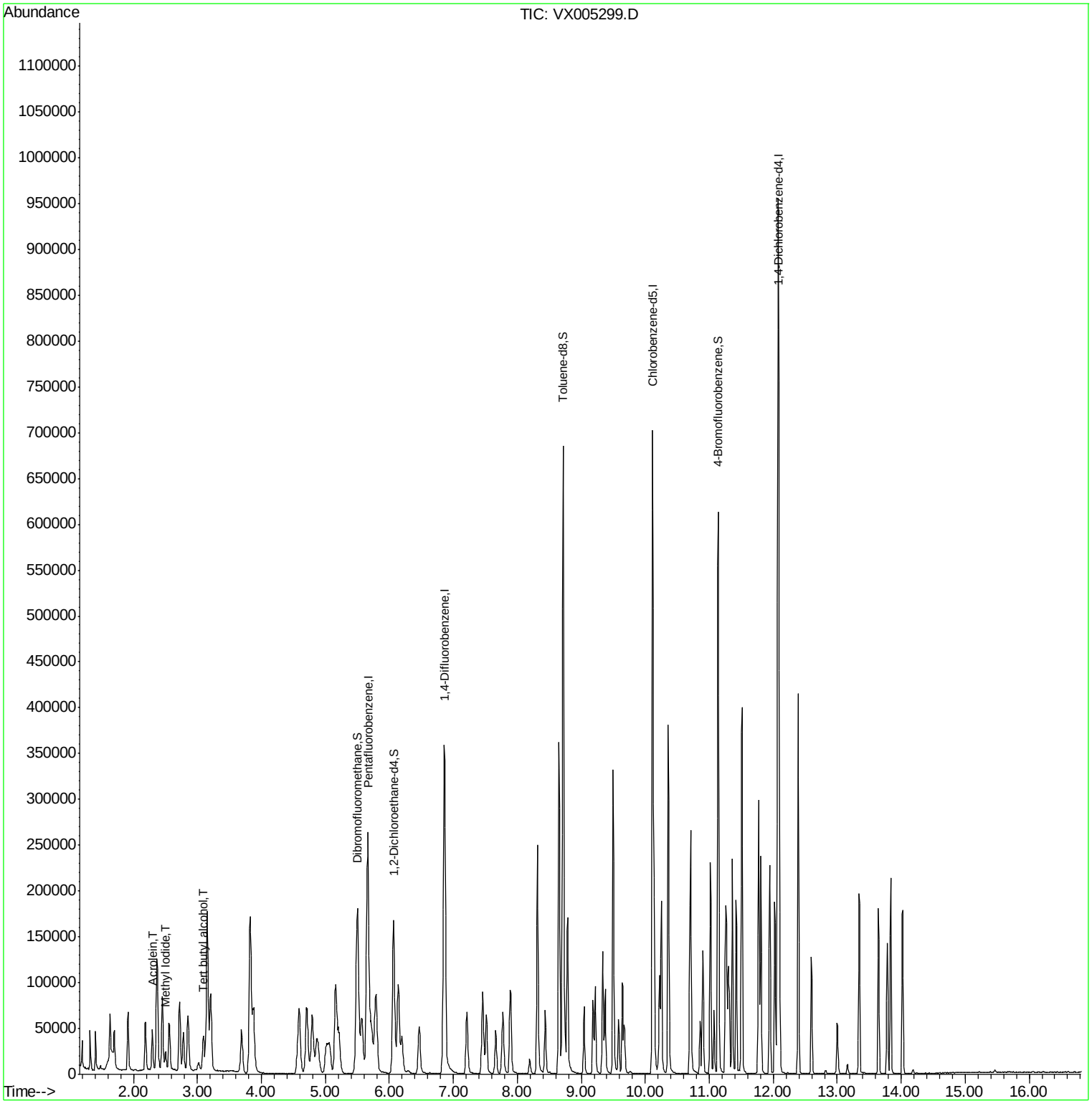
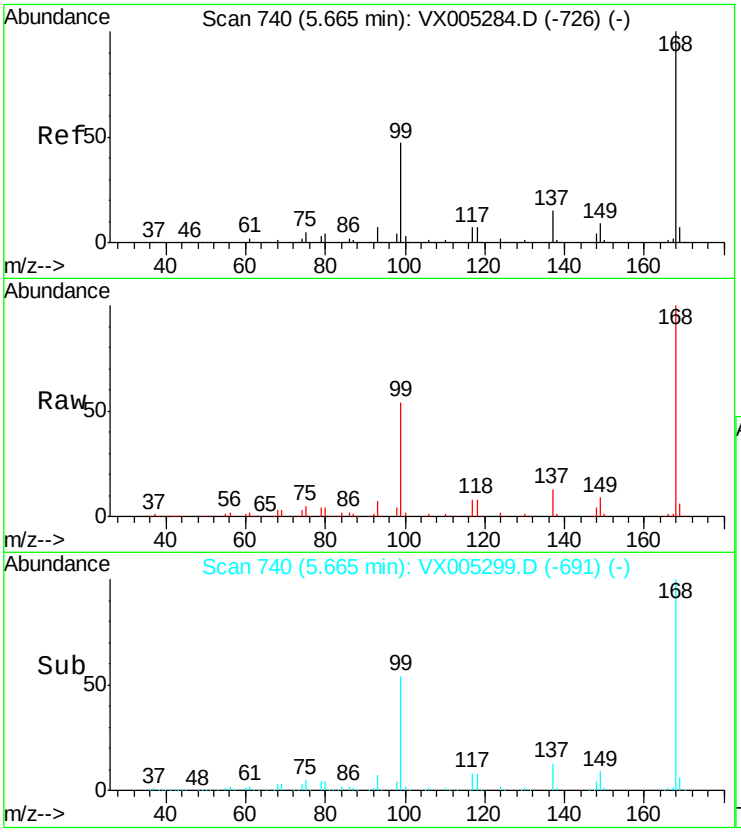


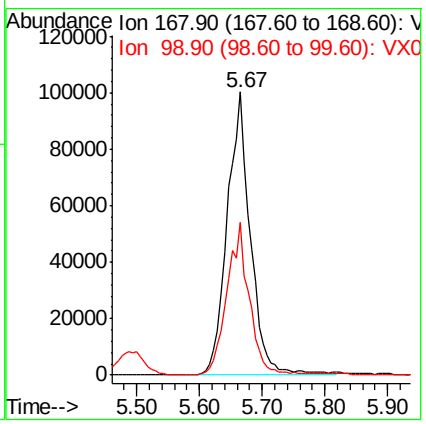


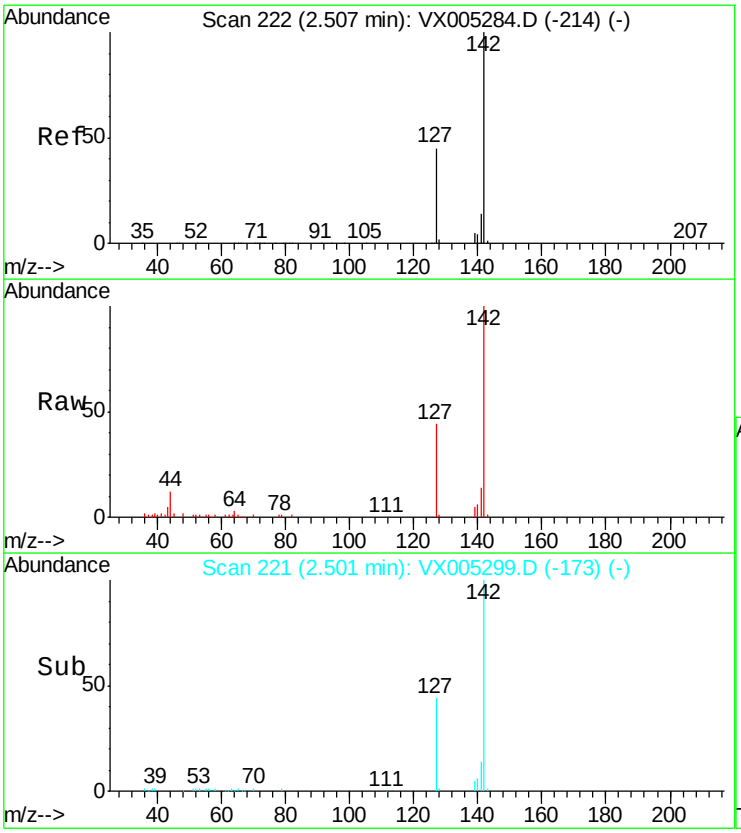
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005299.D
Acq: 12 Oct 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion:168 Resp: 257024

Ion	Ratio	Lower	Upper
168	100		
99	53.7	39.9	59.9

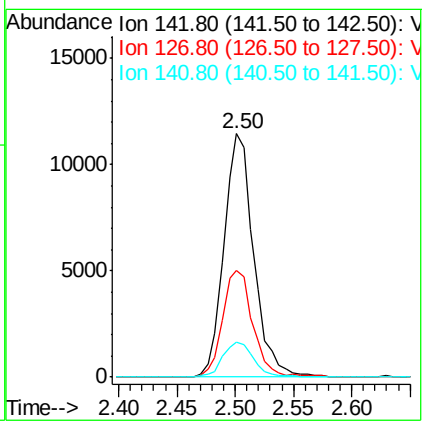


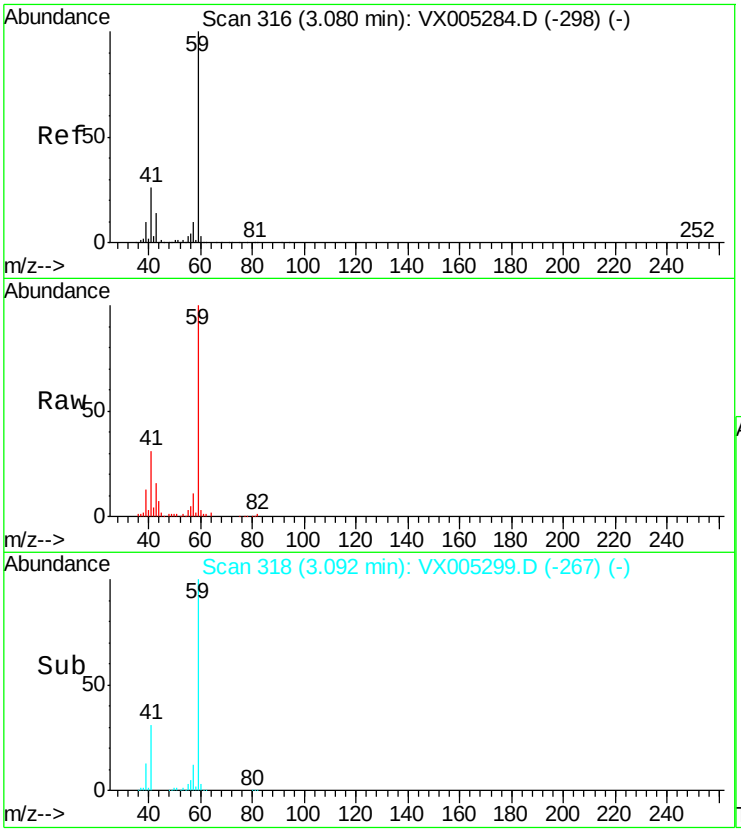


#10
Methyl Iodide
Concen: 10.22 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.01 min
Lab File: VX005299.D
Acq: 12 Oct 2018 17:51

Tgt Ion:142 Resp: 20272

Ion	Ratio	Lower	Upper
142	100		
127	44.9	33.8	50.6
141	15.0	11.4	17.0



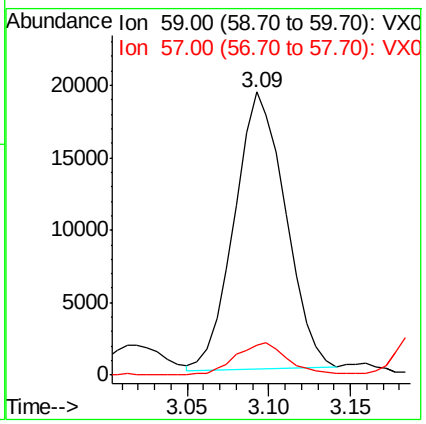


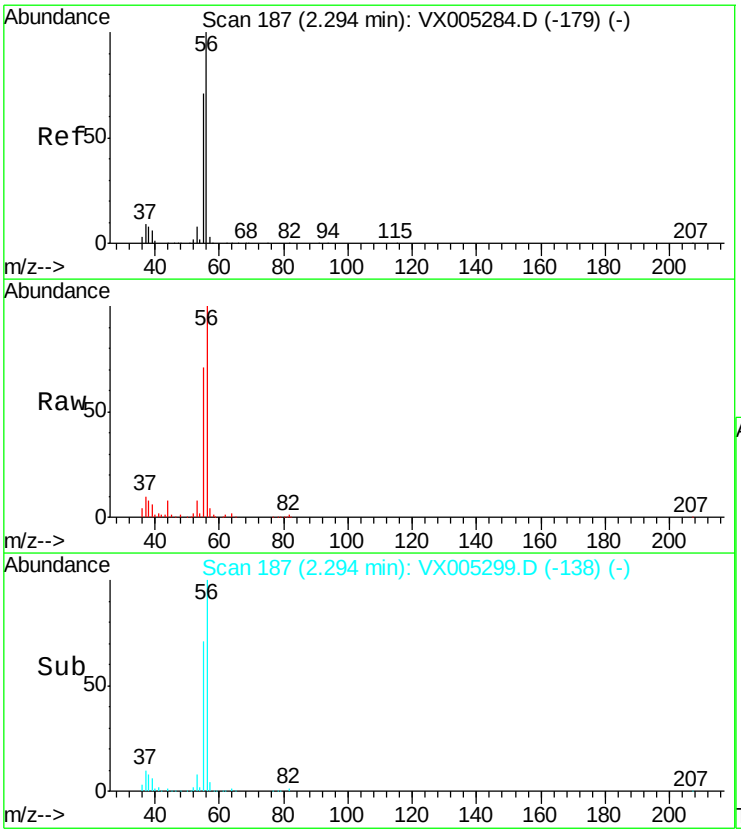
#11
Tert butyl alcohol
Concen: 51.63 ug/l
RT: 3.09 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX005299.D
Acq: 12 Oct 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion: 59 Resp: 41547

Ion	Ratio	Lower	Upper
59	100		
57	12.2	8.2	12.4

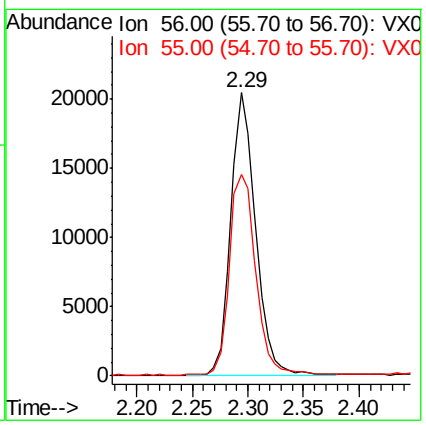


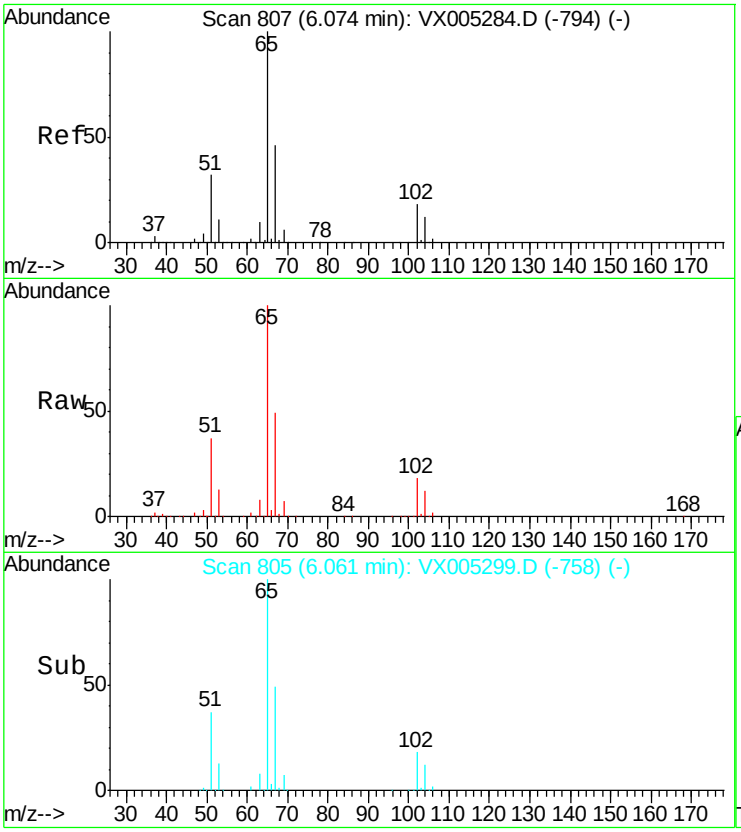


#13
Acrolein
Concen: 60.35 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005299.D
Acq: 12 Oct 2018 17:51

Tgt Ion: 56 Resp: 31831

Ion	Ratio	Lower	Upper
56	100		
55	76.2	54.7	82.1



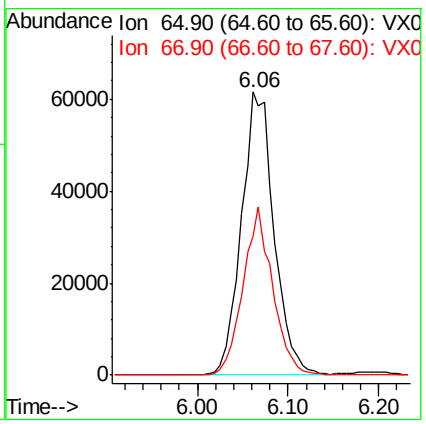


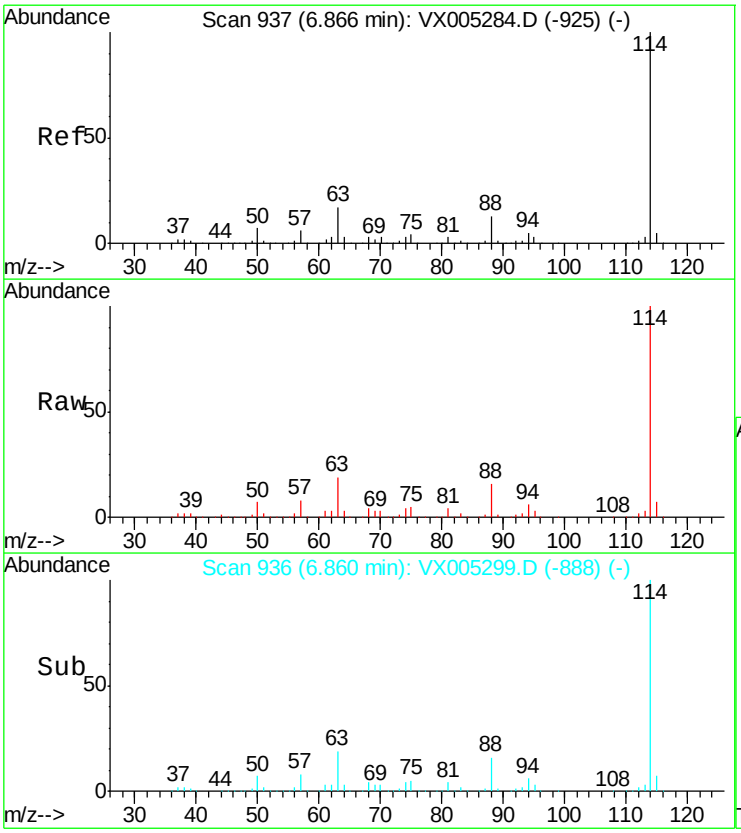
#33
1,2-Dichloroethane-d4
Concen: 53.86 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005299.D
Acq: 12 Oct 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion: 65 Resp: 153629

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.8

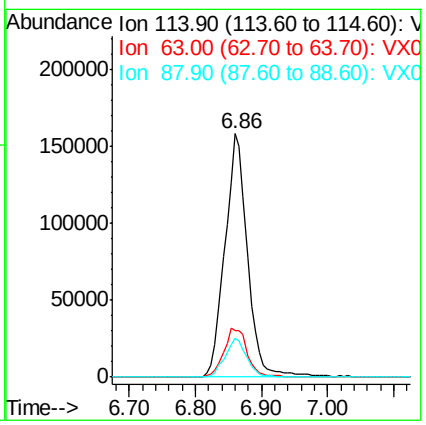


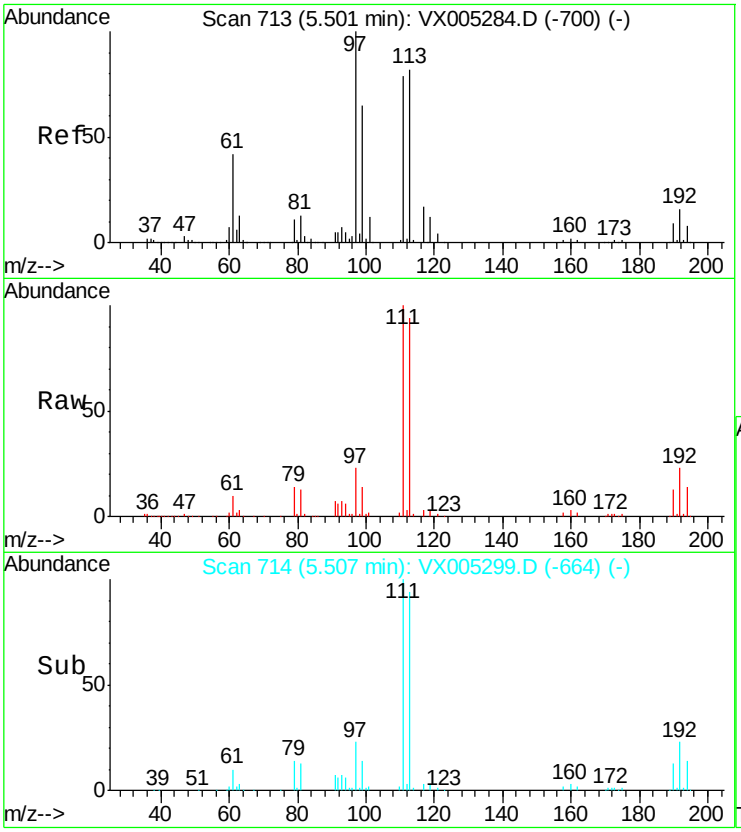


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005299.D
Acq: 12 Oct 2018 17:51

Tgt Ion:114 Resp: 374378

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.0
88	16.1	0.0	30.4



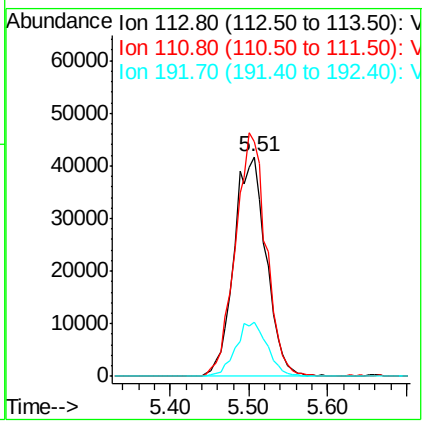


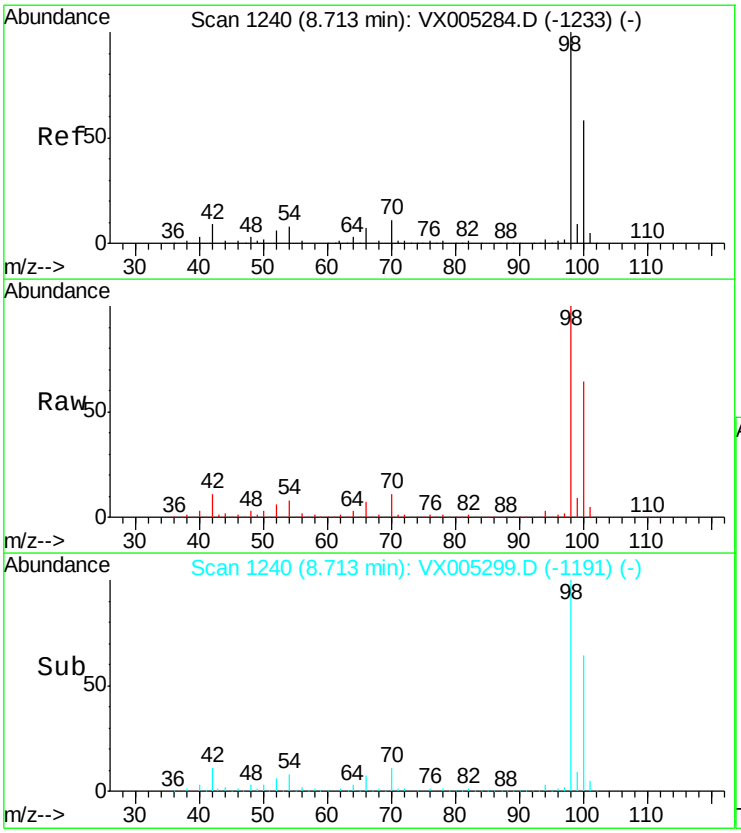
#35
Dibromofluoromethane
Concen: 47.91 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005299.D
Acq: 12 Oct 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion:113 Resp: 118796

Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.4	123.6
192	24.1	19.4	29.2

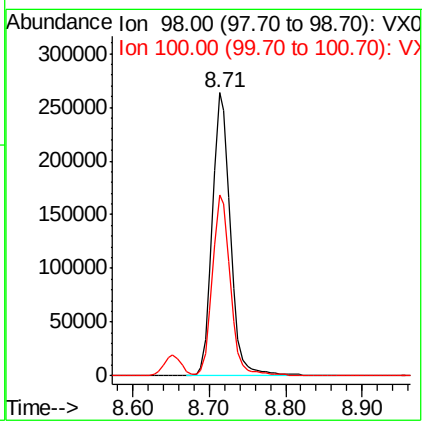


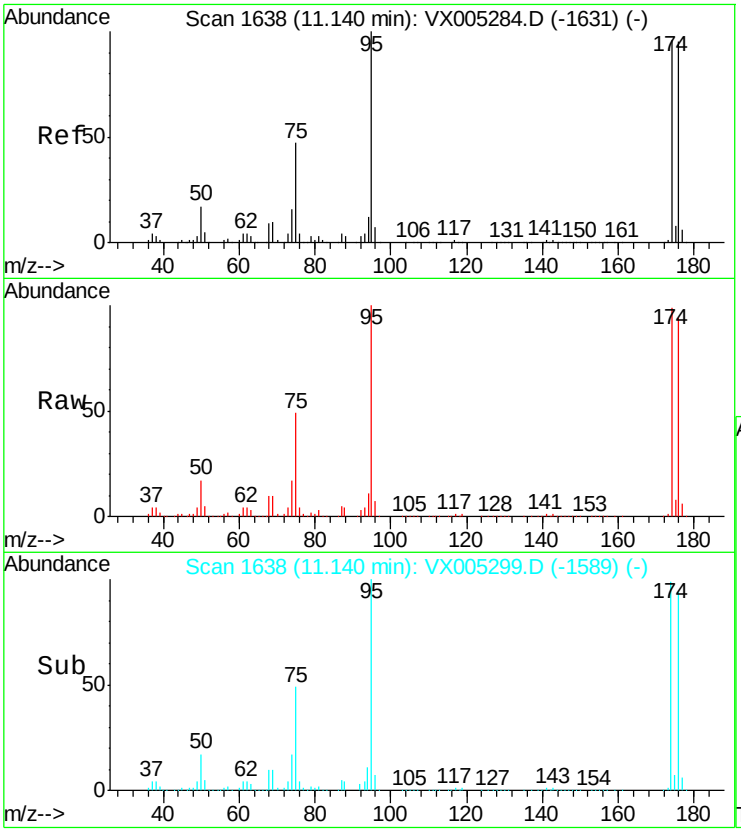


#50
Toluene-d8
Concen: 50.61 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005299.D
Acq: 12 Oct 2018 17:51

Tgt Ion: 98 Resp: 430862

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.9	79.3



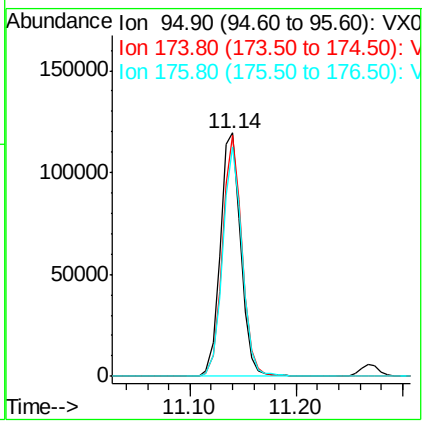


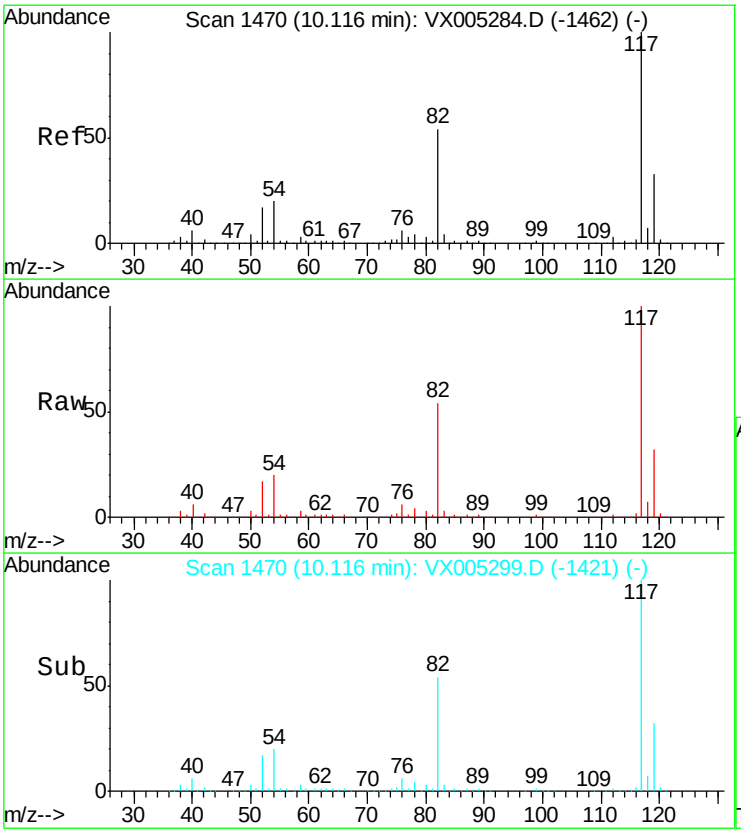
#62
4-Bromofluorobenzene
Concen: 50.00 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005299.D
Acq: 12 Oct 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion: 95 Resp: 159910

Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	185.2
176	90.3	0.0	178.6

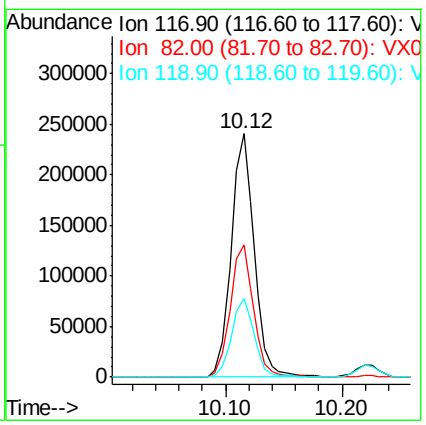


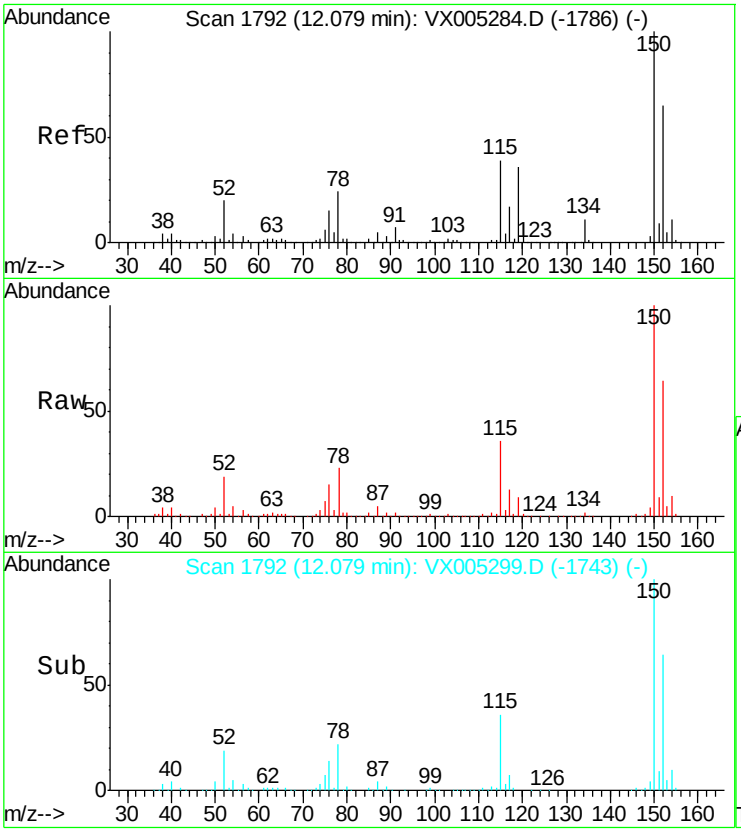


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005299.D
Acq: 12 Oct 2018 17:51

Tgt Ion:117 Resp: 331189

Ion	Ratio	Lower	Upper
117	100		
82	54.3	47.8	71.6
119	32.3	29.3	43.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005299.D
Acq: 12 Oct 2018 17:51

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2018

Tgt Ion:152 Resp: 189296

Ion	Ratio	Lower	Upper
152	100		
115	59.9	39.0	117.0
150	159.8	0.0	351.0